



In response to that Office Action, please amend the above-identified application as follows:

IN THE CLAIMS

For the Examiner's convenience, all of the pending claims, whether amended or not, are set forth below.

Please amend Claims 1-4 to read as follows. A marked-up copy of the amended claims, showing the changes made thereto, is attached.

1. (Amended) An electron source apparatus which has an electron source and a counter substrate arranged to face the electron source and in which the electron source has on a substrate a plurality of row-direction wiring lines, a plurality of column-direction wiring lines, insulating layers formed at intersections between the row-direction wiring lines and the column-direction wiring lines, and a plurality of electron-emitting devices connected to the row-direction wiring lines and the column-direction wiring lines, and a spacer for maintaining an interval between the electron source and the counter substrate is arranged on some of the row-direction wiring lines among the plurality of row-direction wiring lines, comprising:
- a circuit for sequentially turning on the plurality of row-direction wiring lines; and
  - a controlled current application circuit for applying a predetermined controlled current to the plurality of column-direction wiring lines.

2. (Amended) An electron source apparatus which has an electron source and a counter substrate arranged to face the electron source and in which the electron source has on a substrate a plurality of row-direction wiring lines, a plurality of column-direction wiring lines, insulating layers formed at intersections between the row-direction wiring lines and the column-direction wiring lines, and a plurality of electron-emitting devices connected to the row-direction wiring lines and the column-direction wiring lines, and spacers for maintaining an interval between the electron source and the counter substrate are arranged at different positions on the plurality of row-direction wiring lines, comprising:

*D1*  
*ch*  
*Q1*  
a circuit for sequentially turning on the plurality of row-direction wiring lines; and  
a controlled current application circuit for applying a predetermined controlled current to the plurality of column-direction wiring lines.

3. (Amended) An electron source apparatus which has an electron source and a counter substrate arranged to face the electron source and in which the electron source has on a substrate a plurality of row-direction wiring lines, a plurality of column-direction wiring lines, insulating layers formed at intersections between the row-direction wiring lines and the column-direction wiring lines, and a plurality of electron-emitting devices connected to the row-direction wiring lines and the column-direction wiring lines, and a spacer for maintaining an interval between the electron source and the counter

substrate is electrically connected to some of the row-direction wiring lines among the plurality of row-direction wiring lines, comprising:

a circuit for sequentially turning on the plurality of row-direction wiring lines; and

a controlled current application circuit for applying a predetermined controlled current to the plurality of column-direction wiring lines.

4. (Amended) An electron source apparatus which has an electron source and a counter substrate arranged to face the electron source and in which the electron source has on a substrate a plurality of row-direction wiring lines, a plurality of column-direction wiring lines, insulating layers formed at intersections between the row-direction wiring lines and the column-direction wiring lines, and a plurality of electron-emitting devices connected to the row-direction wiring lines and the column-direction wiring lines, and spacers for maintaining an interval between the electron source and the counter substrate are electrically connected to the row-direction wiring lines at different positions on the plurality of row-direction wiring lines, comprising:

a circuit for sequentially turning on the plurality of row-direction wiring lines; and

a controlled current application circuit for applying a predetermined controlled current to the plurality of column-direction wiring lines.

5. (Not Amended Herein) The electron source apparatus according to any one of claims 1 to 4, wherein a section of the spacer cut along a plane parallel to a plane in which the counter substrate spreads has a longitudinal direction in a direction in which the row-direction wiring line extends.

6. (Not Amended Herein) The electron source apparatus according to any one of claims 1 to 4, wherein one of the spacers is electrically connected to only one of the row-direction wiring lines.

7. (Not Amended Herein) The electron source apparatus according to any one of claims 1 to 4, wherein the spacer comprises a spacer substrate and a portion formed from a material having a resistivity lower than the spacer substrate.

8. (Not Amended Herein) An image forming apparatus comprising the electron source apparatus defined in any one of claims 1 to 4, and an image forming member for forming an image by irradiation of electrons from the electron source apparatus.

9. (Not Amended Herein) An image forming apparatus comprising the electron source apparatus defined in claim 5, and an image forming member for forming an image by irradiation of electrons from the electron source apparatus.